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PROGRESS REPORT ★ SECTION

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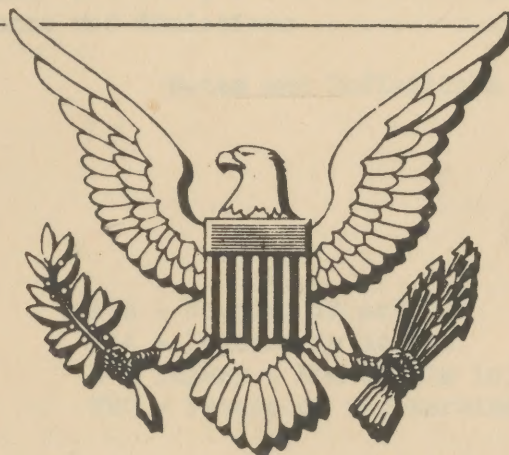
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S. W. P. A.

31 DECEMBER 1944

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UNITED STATES ARMY
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Progress Report - Section 5

"HEALTH"
Table of Contents

	<u>Page No.</u>
Index	1
General Comments	2
Leading Causes of Non-effectiveness	3
Admissions to Sick Report	4
Deaths by Causes	5
Medical Evacuation Chart	6
Medical Evacuations by Cause	7
Malaria Attack Rates	8
Malaria Distribution by Areas and Commands	8
Beds Occupied by Malaria Patients	8
Hospital Bed Status	9
Dental Treatment	10
Dental Attendance and Admissions	11

Notes and Definitions

Abbreviations:

WIA - Wounded in action
IIA - Injured in action
N-B Injury - Non-battle injury
FUO - Fevers of undetermined origin

Annual Rates per Thousand: Rates in the form of "annual rates per thousand men" are conventionally used in medical statistics and reporting. They serve the purpose of basing observations on a common time-period. Most annual rates in this report are based on observation of a month-long period; such rates can be converted to rough percentages for the month by dividing them by 120.

Crude Death Rates: This term applies to deaths from all causes among the entire army in the theatre, as distinct from death rates specific for cause, age, risk, and so on.

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HEALTH OF U. S. ARMY TROOPS IN SWPA

December 1944

1. NON-EFFECTIVENESS

The non-effective rate declined, although the estimated rate for November (3.9%) was higher than the corrected rate (3.7%). The estimated non-effective rate for December of 4.6% is based upon reports from approximately 80% of theatre strength.

2. ADMISSIONS TO SICK REPORT

The admission rate to sick report for November decreased over that for October. The corrected rate was considerably lower than the predicted rate because of the inclusion of FEAF and remaining Sixth and Eighth Army reports. The low rate for November is partly explained by the movement of large bodies of troops to combat areas. The estimated rate for December indicates an increase. There were increases in rates for Diarrheal Diseases, Fever of Undetermined Origin and Dengue. A comparison of corrected November rates with estimated December rates for the other communicable diseases reveals no significant changes.

3. DEATHS

The crude death rate showed a marked increase during November due entirely to increasing numbers killed in action and dying of battle wounds. The death rates for disease and non-battle injuries decreased.

4. EVACUATIONS

There were marked increases in evacuation rates for the month of November for the following: Dermatitis; Battle Casualties and Sequelae; Psychoneurosis, and Other conditions, All. The evacuation rates showed increases for all other causes. There was an increase for those boarded and awaiting evacuation to the United States. There were 664 air evacuations to the United States during the month of November.

5. HOSPITAL BEDS

There was a decrease in the number of hospital beds under construction. T/O beds occupied in the bases decreased. There was an increase in vacant beds caused by the transfer of hospital facilities from Army to USASOS in the Philippines. Total beds allocated for M-1 operations was 7900, while vacant beds available in the bases numbered 6963.

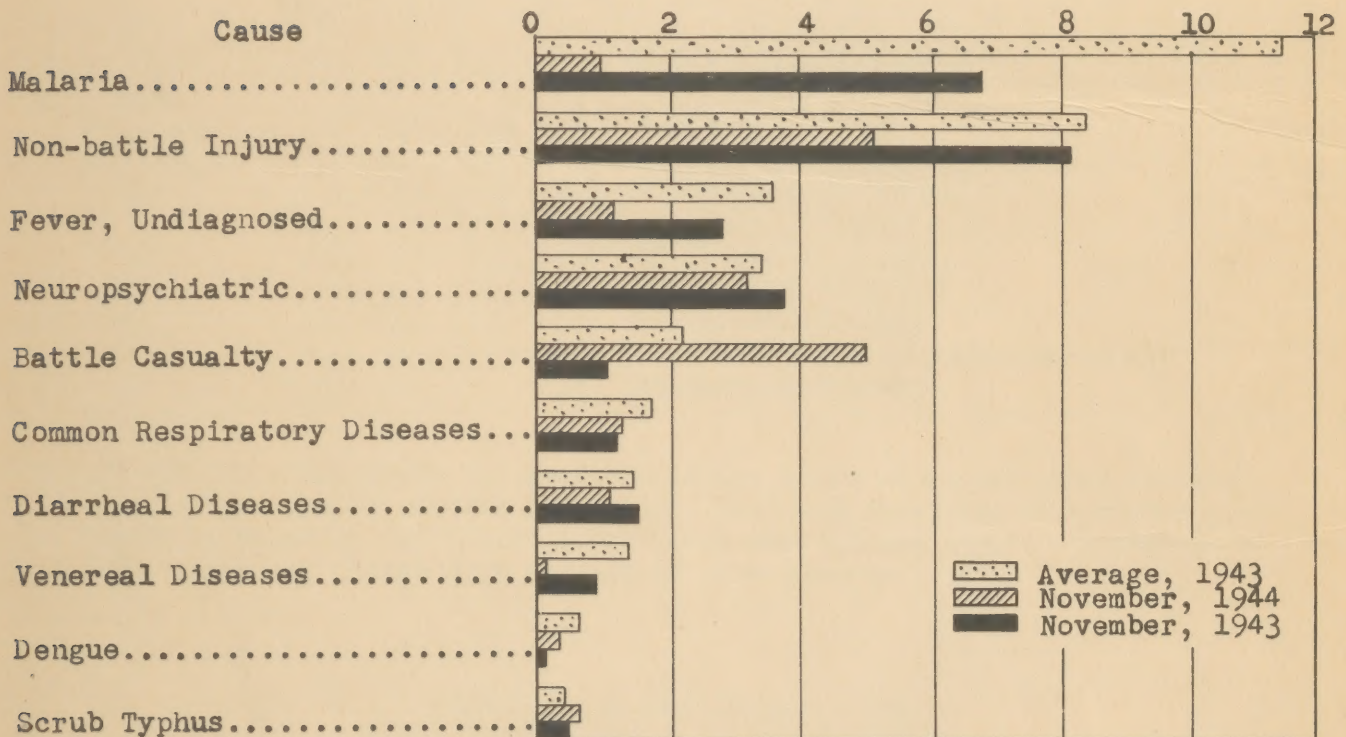
6. DENTAL ADMISSIONS AND TREATMENTS

Dental attendance in general has shown a gradual decrease in this theatre, reaching the lowest rate to date in October, 1944. There are several reasons for this decrease. There has been both a relative and an absolute decrease in dental officers. There has been difficulty in distribution of dental supplies and there have been increased movements of units with increasing members of units engaged in combat. The bulk of the treatments have fallen on the Base dispensaries, Base laboratories and hospital facilities due to the temporary nature of the dental installations in combat organizations. However, regardless of difficulties encountered in this theatre, each dental officer has accomplished greater amounts of work. Thus, it is felt that adequate dental care has been given and maintained and that rates for the theatre have been equal, if not slightly higher, to those for the combined overseas commands.

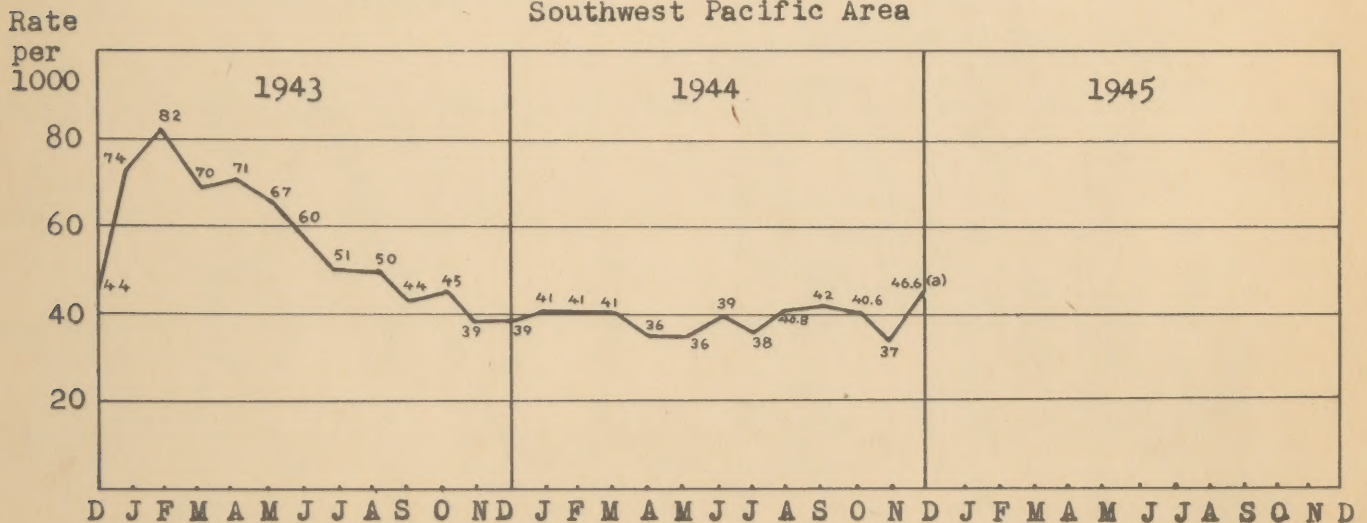
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LEADING CAUSES OF NONEFFECTIVENESS - NOVEMBER, 1944
(Based on Reported Conditions)

Army Personnel Remaining on Sick
Report per Thousand



MEAN DAILY NONEFFECTIVE RATE PER THOUSAND
Southwest Pacific Area



(a) Estimated, in that this rate is based on Abbreviated (Radiographic) Weekly Statistical Reports.

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ADMISSIONS TO SICK REPORT ALL CAUSES

Rates per Thousand per Annum(a)

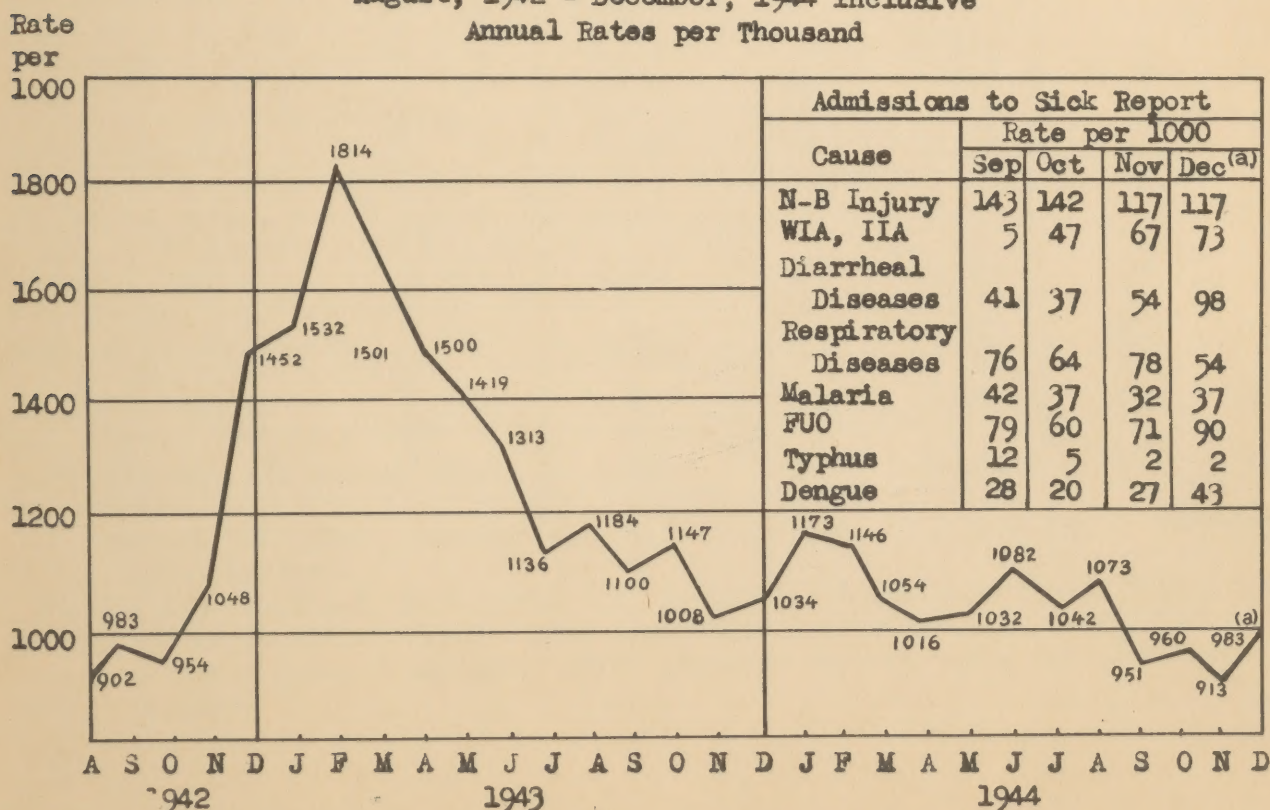
Command	1944				Comparative Admission Rates December, Annual Rates per 1000					
	Sept	Oct.	Nov.	Dec.(a)	300	600	900	1200	1500	1800
SWPA, ALL	951	960	913	983						
SOS Bases										
Mainland	688	726	715	703						
New Guinea	948	910	912	953						
"A"	1124	1206	1000	856						
"B"	744	725	773	785						
"D"	644	765	755	834						
"E"	696	895	747	845						
"F"	712	666	837	771						
"G"	1437	1187	1151	1412						
"H"	1212	929	737	806						

(a) All of the rates above are computed on the basis of consolidated monthly statistical health reports (WDMD 86ab) with the exception of November 1944 which is based on the weekly abbreviated statistical report. Above rates are subject to change upon receipt of late reports.

ADMISSIONS TO SICK REPORT, SWPA

August, 1942 - December, 1944 inclusive

Annual Rates per Thousand



(a) Based on abbreviated radiographic statistical report.

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DEATHS BY CAUSES, SWPA

Total, 1943; 1944 thru November; and November, 1944
Absolute Numbers and Crude Annual Rates per Thousand*

Cause	1943		1944 thru November		November, 1944	
	Number	Rate per 1000	Number	Rate per 1000	Number	Rate per 1000
Non-battle injury, all	576	3.010	1314	2.732	140	2.383
Accidents, all	535	2.796	1183	2.460	123	2.094
Automobiles	60	0.314	154	0.320	18	0.306
Street cars	1	0.005	2	0.004	-	-
Motorcycles	4	0.021	-	-	-	-
Railroad	12	0.063	3	0.006	-	-
Air Transportation	291	1.521	289	0.601	24	0.408
Water Transportation	4	0.021	3	0.006	-	-
Drowning	46	0.240	252	0.524	23	0.391
Burns	14	0.073	70	0.146	8	0.136
Falls	15	0.078	17	0.035	1	0.017
Firearms	58	0.303	145	0.302	21	0.357
Electrocutions	4	0.021	12	0.025	2	0.034
Animals	2	0.010	-	-	-	-
Poisoning	6	0.031	9	0.019	1	0.017
Others	18	0.094	227	0.472	** 25	0.426
Suicides, all	31	0.162	103	0.214	10	0.170
Homicides, all	10	0.052	28	0.058	7	0.119
Diseases, all	154	0.805	440	0.915	46	0.783
Died of Battle Wounds	102	0.533	843	1.753	266	4.527
Killed in action	1010	5.278	4163	8.661	1121	19.080
Total Deaths, all causes	1842	9.625	***6762	14.060	***1573	26.773

* Based on WD&D 86ab, "Statistical Report"; subject to correction on receipt of late reports.

** (Falling trees - 6, Explosions - 7, Judicial - 6, Machinery - 4, Others - 7.

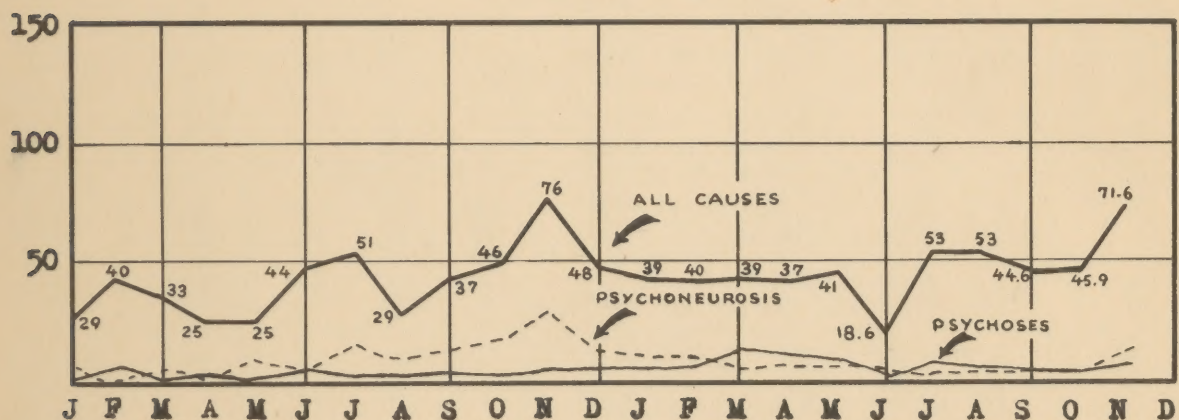
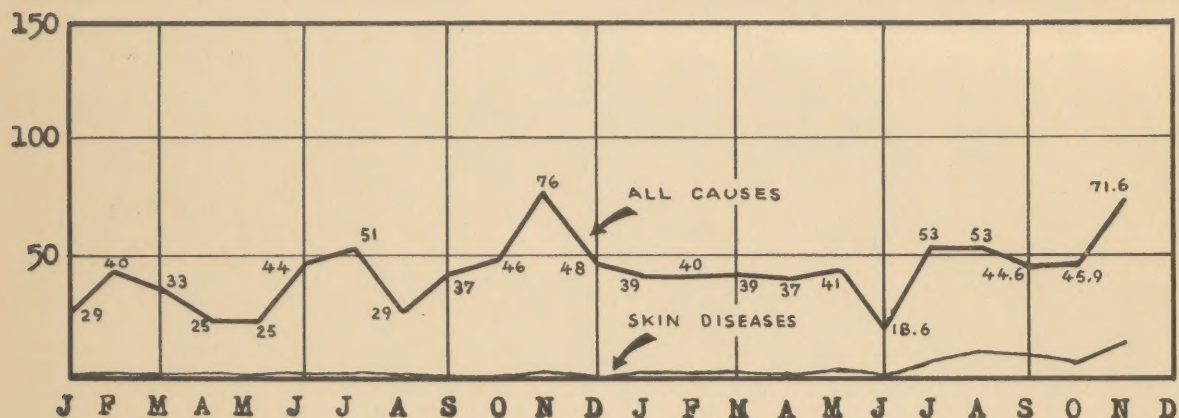
*** (3 KIA in September report late; 3 previously reported MIA, 1 May 1944
1 August 1944, 1 September 1944; Included only in table for 1944 thru October)

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MEDICAL EVACUATIONS, SWPA TO UNITED STATES

January, 1943 - Nov., 1944, Inclusive
Rates per Thousand per Annum



MEDICAL EVACUATIONS, (BOARDED) AWAITING EVACUATION TO UNITED STATES
January, 1943 - Nov., 1944, Inclusive
Rates per Thousand



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MEDICAL EVACUATIONS BY CAUSE - SWPA TO UNITED STATES
Absolute Numbers and Rates per Thousand per Annum

MEAN STRENGTH	191366						410308						654002						710119						763783					
	Year 1943						1st Six Mo. 1944						3rd Quarter 1944						October						November					
	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%	Cases	Rate	%									
ARTHRITIS	493	2.58	5.94	365	1.78	5.15	400	2.45	4.90	141	2.38	5.20	184	2.89	4.03															
ASTHMA	480	2.51	5.79	358	1.74	5.05	330	2.02	4.04	80	1.35	2.94	117	1.84	2.37															
NEOPLASM	31	0.16	0.37	49	-	0.69	46	0.28	0.56	24	0.41	0.88	38	0.60	0.83															
CARDIO-VASCULAE																														
OTHER	215	1.12	2.59	177	0.86	2.49	107	0.65	1.31	36	0.61	1.32	91	1.43	1.99															
HYPERTENSION	59	0.31	0.71	39	0.19	0.55	42	0.26	0.51	15	0.25	0.55	24	0.38	0.53															
DEFECT OR DEFORMITY																														
(NON-NEURAL)																														
DERMATITIS	401	2.10	4.83	437	2.13	6.16	212	1.30	2.60	62	1.05	2.28	130	2.04	2.85															
DIABETES	236	1.23	2.85	557	2.71	7.85	1675	10.24	20.52	500	8.44	18.41	928	14.58	20.46															
PEPTIC ULCER	38	0.20	0.46	14	0.07	0.20	17	0.10	0.21	2	0.03	0.07	7	0.11	0.15															
MILRIASIS	286	1.49	3.45	120	0.58	1.69	179	1.09	2.19	47	0.79	1.72	70	1.10	1.53															
MALARIA AND SEQUELAE	38	0.20	0.46	33	0.16	0.47	4	0.02	0.05	-	-	-	2	0.03	0.04															
SEQUELAE																														
TYPHUS AND SEQUELAE	108	0.56	1.30	15	0.07	0.21	16	0.10	0.19	4	0.07	0.15	4	0.06	0.09															
PUERPERAL	17	0.09	0.20	25	0.12	0.35	88	0.54	1.08	19	0.32	0.70	53	0.83	1.16															
NEPHROSITIS	97	0.51	1.17	95	0.46	1.34	94	0.57	1.15	29	0.49	1.08	44	0.69	0.96															
OTHER	44	0.23	0.53	25	0.12	0.35	17	0.10	0.20	6	0.10	0.22	7	0.13	0.18															
VEGETAL	9	0.05	0.11	3	0.01	0.04	2	0.01	0.02	2	0.03	0.07	1	0.02	0.22															
BATTLE CASUALTY AND SEQUELAE	551	2.88	6.64	344	1.68	4.85	907	5.55	11.11	168	2.84	6.18	434	6.82	9.52															
NON-BATTLE INJURY AND SEQUELAE																														
PSYCHOSIS, ALL CONSTITUTIONAL	751	3.92	9.05	696	3.39	9.81	835	5.11	10.23	333	5.63	12.25	410	6.44	8.99															
PSYCHOPATHIC STATES	862	4.50	10.39	1366	6.66	19.26	1097	6.71	13.45	356	6.02	13.10	448	7.04	9.82															
MENTAL DEFICIENCY	70	0.37	0.84	3	0.01	0.04	1	0.01	0.01	6	0.10	0.22	1	0.02	0.02															
PSYCHO-NEUROSIS, ALL	48	0.25	0.58	1	0.004	0.01	5	0.03	0.06	1	0.02	0.04	-	-	-															
EPILEPSY	2303	12.03	27.77	1370	6.68	19.31	862	5.27	10.56	369	6.24	13.57	824	12.95	18.07															
ORGANIC NEUROLOGICAL OTHER CONDITIONS	101	0.53	1.22	99	0.48	1.40	103	0.63	1.36	37	0.46	0.99	43	0.68	0.94															
ALL	122	0.64	1.47	137	0.67	1.93	211	1.39	2.58	35	0.44	0.93	108	1.70	2.37															
TOTAL	934	4.88	11.26	766	3.73	10.80	967	5.91	11.85	405	6.84	14.90	592	9.30	12.98															
	8294	43.34	100.00	7094	34.58	100.00	8159	47.69	100.00	2718	45.53	100.00	4561	71.66	100.00															

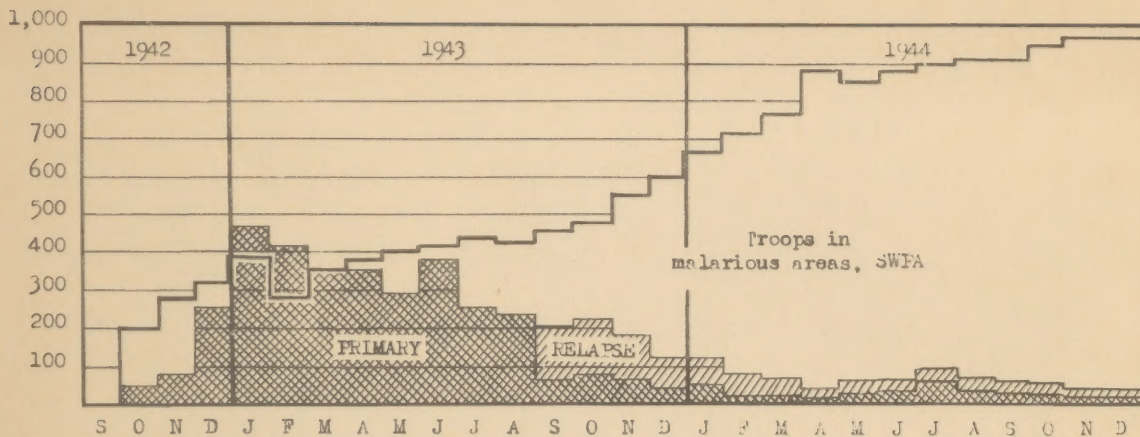
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RATE
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S.W.P.A. MALARIA ATTACK RATES

Per 1,000 Per Annum



(a) Strength based on station list, USAFFE.

(b) Rates computed from WDMD 86ab.

(c) Relapse rates prior to Sept. '43 not available.

MALARIA ATTACK RATE - SWPA - DEC. 1944

	GHQ USAFCE		USASOS		ARMY		AIR FORCE		14THAA		TOTAL	
	C	R	C	R	C	R	C	R	C	R	C	R
ORO BAY - DOBODURA	28	23.2	49	27.7	18	38.5	0	0	6	66.9	101	28.1
FINSCHAFEN - SAIDOR	0	0	29	11.3	13	9.6	14	15.9	24	30.5	80	13.4
MILNE BAY -	0	0	13	8.8	0	0	0	0	4	10.2	17	8.3
LAE - NADZAB	0	0	18	28.9	0	0	35	62.8	3	43.6	56	42.5
HOLLANDIA - AITAPE	10	29.5	60	20.8	78	29.0	29	26.7	17	51.0	194	24.1
BIAK - TOEM - WADKE - NOEMFOOR	0	0	56	29.3	85	32.8	113	37.9	8	27.2	262	32.9
BOUGAINVILLE - TREASURY - GREEN	0	0	4	6.3	84	27.8	1	2.1	15	17.4	104	20.5
ADMIRALTY	0	0	2	41.6	0	0	1	14.8	0	0	3	10.8
CAPE GLOUCESTER	0	0	3	29.3	14	9.3	0	0	1	7.2	18	10.3
SANSAPOR	0	0	8	31.7	53	35.0	26	29.8	1	6.6	88	30.8
MORDAI	0	0	10	14.0	156	88.1	54	35.7	9	20.2	229	51.5
LEYTE	0	0	0	0	565	58.5	45	17.5	0	0	610	31.9
TOTAL	38	16.0	252	16.3	1066	45.4	318	26.8	88	19.6	1762	27.1

C - TOTAL CASES R - RATE PER THOUSAND PER ANNUM

TOTAL SWPA:

PRIMARY ATTACK RATE	16	16.8
RECURRENT ATTACK RATE	10	10.3
TOTAL	26	27.1

PERCENTAGE OF DISEASE HOSPITAL BEDS OCCUPIED BY

MALARIA CASES IN S.W.P.A.



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STATUS OF HOSPITAL BEDS, SWPA

a. Summary

Command	Fixed	Mobile	Convalescent	Total
Services of Supply	32600 (b)	425 (b)	~ 3000 (b)	36025
Far East Air Force	200 (a)	150 (a)	-	350
SIXTH ARMY	11900 (a)	4625 (b)	-	16525
EIGHTH ARMY	2550 (a)	1825 (b)	-	4375
REPL. COM. USAFFE	250 (a)	-	-	250
Total	*47500	*7025	3000	57525

(a) Attached.

(b) Assigned.

* 2050 Fixed Beds Attached to Sixth Army from FOA.

75 Non-Fixed Beds Attached to Sixth Army from FOA.

b. Fixed Hospital Beds by Areas.

USASOS Bases

Area	Staging	Under Orders Out of Base	Con-structing	T/O Operating	Beds Occupied	% of Operating T/O Beds Occupied	Under Orders Into Base
7				250	205	82.0	
3				1150	583	50.7	
2				100	118	118.0	
D							
A		2000		1650	1627	98.6	
B				2500	1119	44.8	
E				3250	926	28.5	
F		2250		5250	3060	58.3	
G		1200		6000	5523	92.1	
H		400		4750	5500	115.8	
K			5323	2427	1903	69.9	
SHIPS				200			
TOTAL		*5850	5323	27527	20564	74.7	

Far East Air Force

DARWIN				200	110	55.0	
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Army Supply Points

NOEMFOOR				500	334	66.8	
SANSAFOR				400	374	93.5	
WAKDE		400					
NEW BRITAIN		750					
AITABE		250					
MANUS	250			250	118	47.2	
MOROTAI				750	657	87.6	
North		650		400	243	60.8	
LEYTE **	1300			2050	1756	85.7	
MINDORO			250	400	185	46.3	
TOTAL	1550	*2050	250	4750	3667	77.2	
GRAND TOTAL	1550	*7900	5573	32477	24341	74.9	

* 7900 Beds Allocated for M-1 Operation.

** 2050 Beds Attached to Sixth Army from FOA.

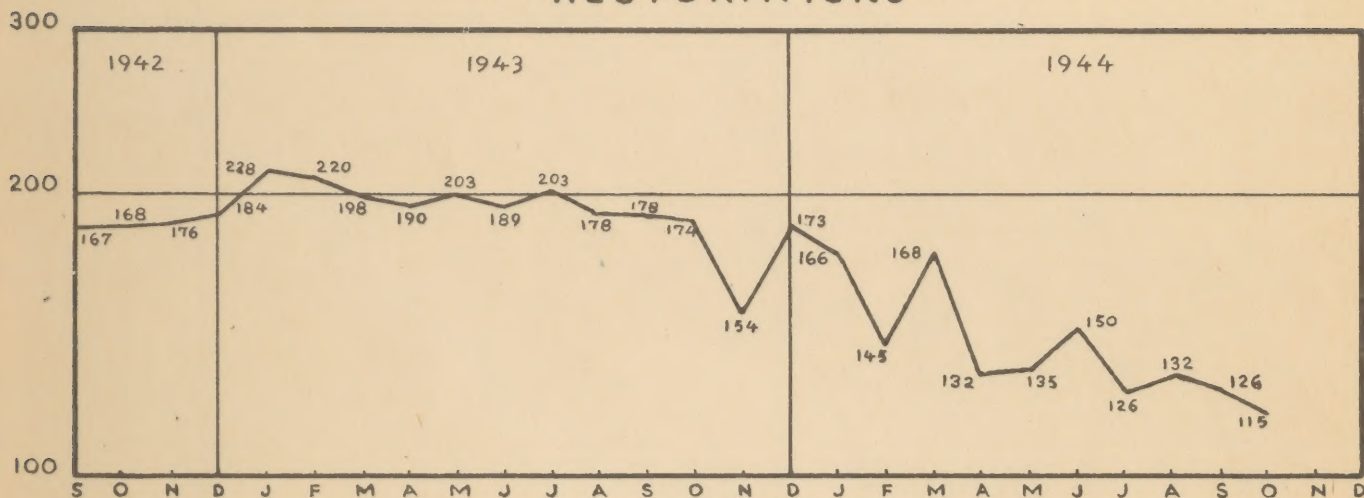
Bed Status Chart as of 29 December 1944

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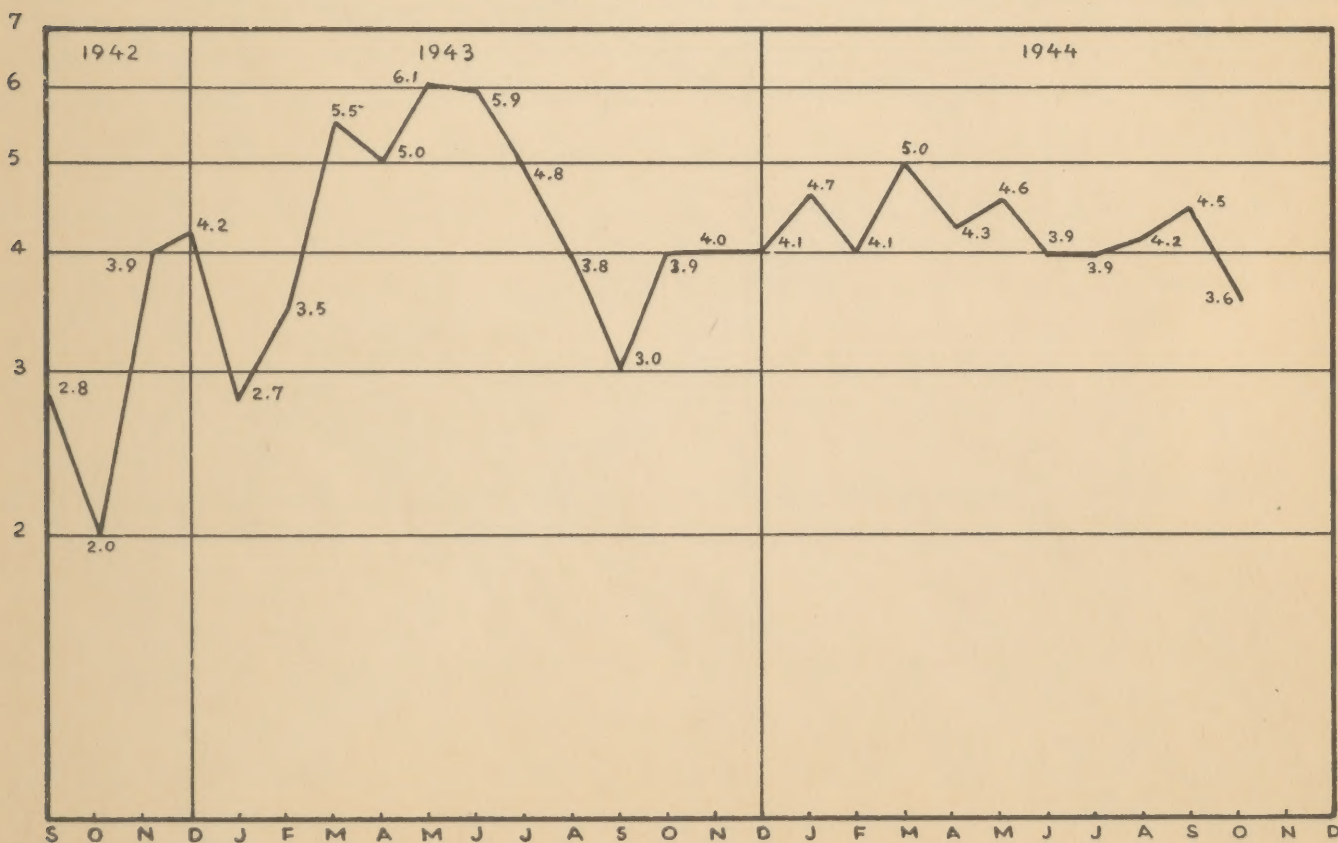
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DENTAL TREATMENT PER THOUSAND MEN PER MONTH

RESTORATIONS



NEW DENTURES



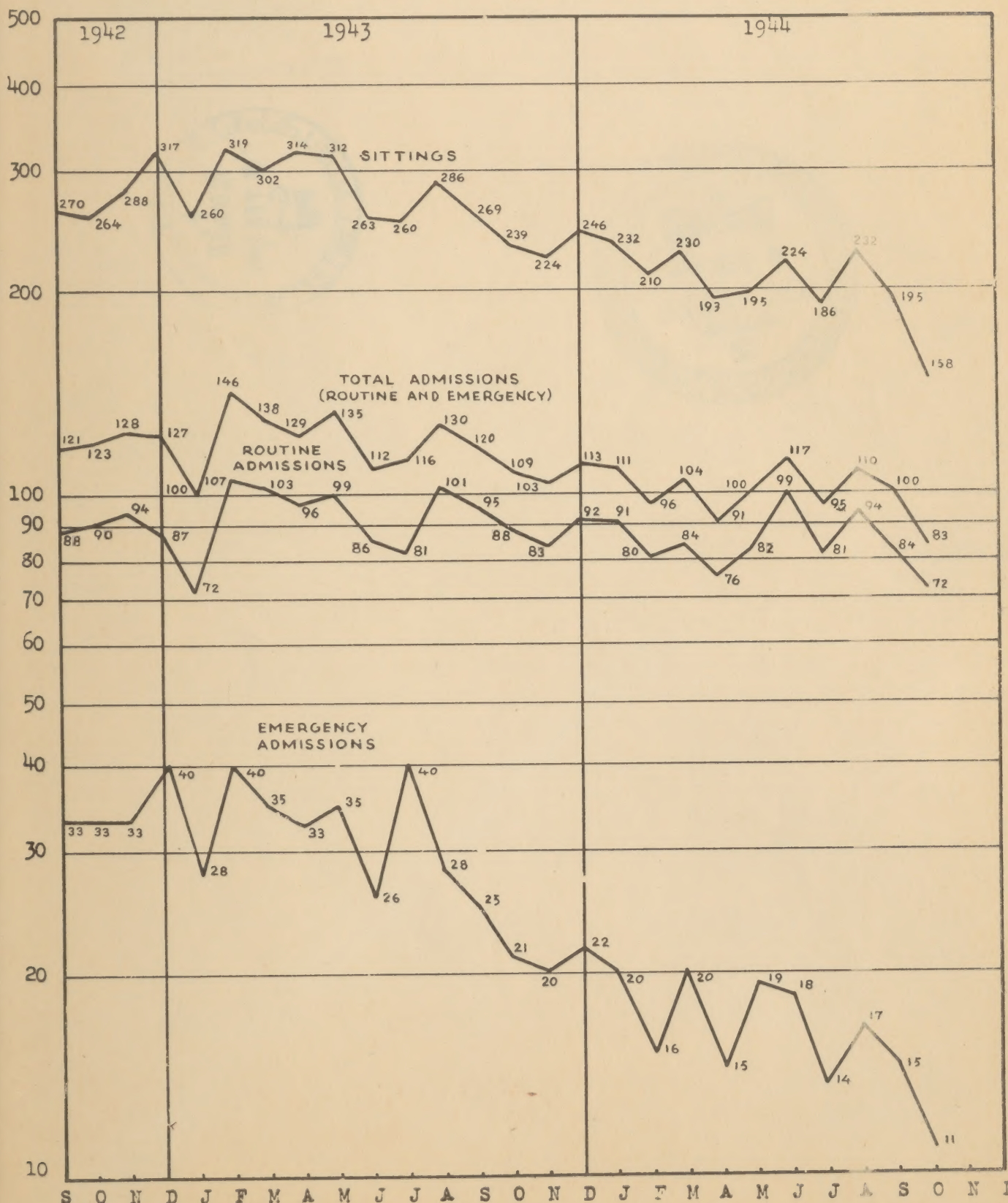
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DENTAL ATTENDANCE AND ADMISSIONS

PER THOUSAND MEN PER MONTH



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